Phase I Project Summary

Firm: Coney Island Incorporated
Contract Number: NAS13-04954
Project Title: Electronic Handbooks (EHBs)

Identification and Significance of Innovation: (Limit 200 words or 2,000 characters whichever is less)

Electronic Handbooks (EHBs) are Internet-based tools that support the paperless documentation and management of complex distributed processes (e.g., Grants/Contracts Management). Tools include user interface, backend, requirements capture, and demonstration software. EHBs processes are represented as "Internet-based plays" where "actors" communicate thru the Internet. For each role, EHBs guide actors thru their parts. Two applications of EHBs are: National Aeronautics and Space Administration's (NASA) Small Business Innovation Research (SBIR) Program, and Department of Justice's Bulletproof Vests Partnership (BVP) Program. EHBs, like plays, are developed in six stages: Outline or Playwriting, Example or Rehearsal, Implementation or Staging, Utilization or Performance, Revision or New Production, and Cross-Subprocess or Cross-Play Analysis.

Technical Objectives and Work Plan: (Limit 200 words or 2,000 characters whichever is less)

The objectives of EHBs are to facilitate: 1) paperless documentation and management of complex distributed processes, 2) system development, 3) integration of independently developed subsystems, and 4) process and system improvement.

In order to achieve the four objectives Coney Island, Inc., has divided the Phase I project into four major tasks:

Task 1. Design EHBs User Interface Tools.
Task 2. Design EHBs Backend Tools.
Task 3. Design EHBs Requirements Capture Tools, and
Task 4. Design EHBs Demonstration Tools.

Technical Accomplishments: (Limit 200 words or 2,000 characters whichever is less)

During Phase I, Coney Island, Inc., has accomplished the following:

Task 1. Designed and Validated the User Interface Software.
Task 2. Designed and Validated the Backend Software.
Task 3. Designed and Validated the Requirements Capture Tools Software.
Task 4. Designed and Validated the Demonstration Software.

NASA Application(s): (Limit 100 words or 1,000 characters whichever is less)

Some NASA paperless documentation and management applications of EHBs include : SBIR Contracts , Grants , Contracts, Education Programs, Technologies, Datasets, Software, Documents, and Missions .

Non-NASA Commercial Application(s): (Limit 200 words or 2,000 characters whichever is less)

Some non-NASA Federal Government management applications of EHBs include: SBIR Contracts , Grants , Contracts, Education Programs, Technologies, Datasets, Software, Documents, and Missions. Some education management applications include: Public School Students and University Students, Some private sector management applications include Automobile Sales and Service, Health Episodes, Grants and Projects, Publishing Projects, Legal Cases, Policies, Credit Cards, Travel, Loans, and Construction Projects

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